

Package S-10

Description

The S-10 package consists of the moisture meter mini-Ligno S/DC for measurements anywhere, anytime and cables and screws for remote monitoring.

Applications

For instant measurements spot-by-spot with the **pins** at the mini-Ligno S/DC and monitoring of remote, hard to reach areas with **extension cables**. For all applications where moisture is of concern in buildings. Works for short and long-term monitoring,

Too much moisture, undetected for a prolonged time can cause severe damage inside a building. Detection is the first step in prevention.

Advantages

The mini-Ligno S/DC moisture meter has a wide moisture range and calibrations for softwood, hardwood, panel products as well as drywall, wall boards and other building materials.

Extension cables allow monitoring areas which could be otherwise hard to reach or inaccessible. Once cables/pins are installed, measurement can be taken at any time to check progress in drying after water damage or to check if a problem re-occurs later-on. Add EL pins to reach up to 7" deep.

The **mini-Ligno S/DC** is a right meter for the construction, restoration and building maintenance professional. It comes with pins and a connection for external electrodes and monitor cables. Features are the wide measuring range and corrections for measuring softwood, hardwood and panel products, gypsum and different types of wall boards and a reference scale for concrete and other building materials.

Easiest monitoring of moisture problem areas

Leaky roofs, wet crawl spaces, faulty installed windows, broken pipes, a cracked waterline behind a refrigerator can be a cause for moisture problems that affect the entire building. Unnoticed moisture infiltration can have severe consequences, floors are ruined, dry rot develops and structural components disintegrate.

Monitoring: Using extension cables has the advantage, that areas can be monitored, which are out of easy reach when a building is being dried out or totally inaccessible after the walls are closed up. System works well for short and long-term monitoring in buildings. Measurements taken from the same spot at the same depth at different times will produce a series of truly comparable moisture percentages.

The values show, if drying is proceeded as expected or if a new problem is occurring.

Pins (screws) are installed in the trouble spot and connected to a LP-mini cable. When using screws, the meter indicates the highest moisture value in the measured area between the screws. That could be at the surface or at the depth the screws have been set, because un-coated screws measure the wettest spot. Teflon-coated pins only measure at the tip, They will indicate a dry inside even if the surface is wet. See pins page 3.

Standard cable length is 3 ft, upon request we supply cables up to 50ft long. Cables should be ordered long enough to keep the open cable-end in an easily accessible area. Measurements are taken by plugging the open cable-end into the meter. If cables are already installed to monitor the drying-out process, they could be left in place for long-term monitoring.



Detection is the first step in Prevention. Cable/pin system allows checking for moisture accumulations in closed-up, unreachable areas.



Bright LED display for optimum visibility. Display has a life-time warranty. Quality, performance and price have made mini-Lignos very popular.



Install cables and pins in moisture critical areas. Measure periodically to check, if moisture problems are back.

For **data logging** moisture and humidity:

- for moisture content and relative humidity MC Tracker BL2 data logger
- wireless recording system
- for relative humidity only BL2 data logger

The **LP-mini cable** has loops on one end for the pins and screws and 2mm plugs on the other end to fit the mini-Ligno S/DC. The cables in the package have a standard length of 3 ft. Longer cables are available upon request. If you wanted to use the PK probes for wood, order the D-11 package.

Meter Specifications S/DC

Size: 5.5"L X 2.75"W X 1"H

Measuring Range:

- Wood: 6-45%
- Gypsum, Sheetrock, Wall Boards: 0-7.5%
- Reference Scale: 0-99

Display: Resolution: 0.1% below 10% and 1% steps above 10%, life-time warranty
Calibrated for a wood temp of 70°F (20°C).

A correction table for different wood temperatures is listed in the manual.

Species Corrections

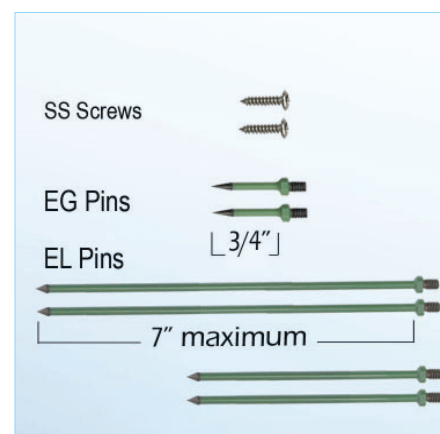
- 2 settings for wood species corrections: hardwoods, softwoods and panel products
- 3 Settings for gypsum, drywall and wall boards (water resistant, exterior, interior)
- 1 reference scale 0-99 for non-wood building materials (concrete)

Package Includes

- 1 mini-Ligno S/DC meter with wrist strap in carrying pouch with belt loop, 1 9V battery
- 1 laminated wood group card and 1 instruction manual
- 2 pair pins: 1 pair of 3/16" and 1 pair of 7/16" measuring depth (5mm, 10mm)
- Built in connector for an assortment of external electrodes and extension cables
- 1 pair stainless steel screws
- 1 LP-mini cable
- 1 case M



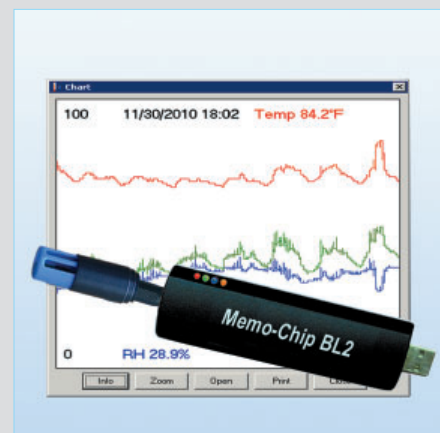
Mini-Ligno S/DC has a true percent scale for drywall, range 0-7.5%. Also included is a reference scale and a WME scale for drywall.



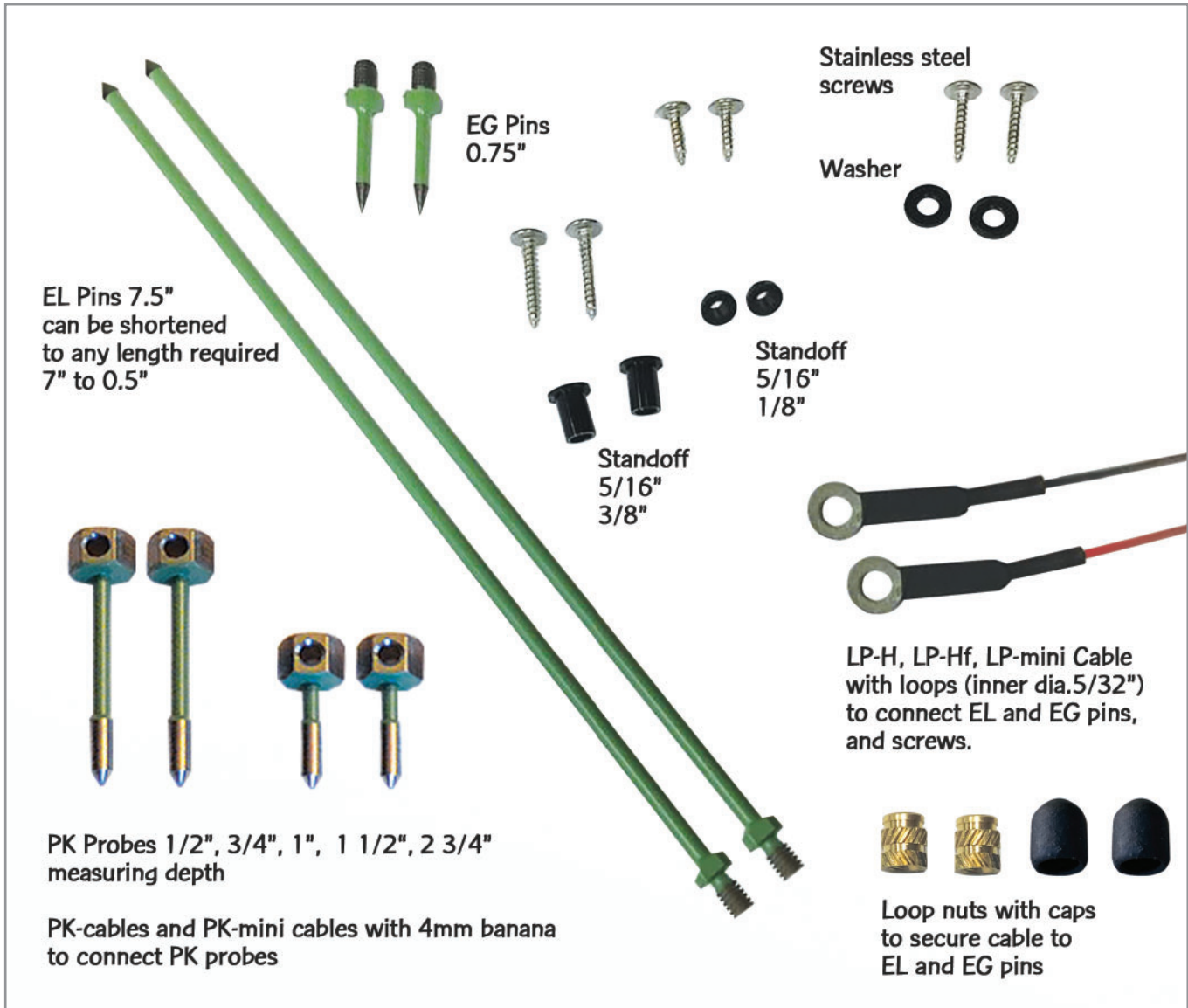
EL pins can be ordered for any length between 7" and 1/2"

For data logging moisture and humidity measurements automatically, we offer the

- MC Tracker BL2 data logger
- Wireless recording system
- BL2 data logger for relative humidity, temperature, dew point temperature,



PK probes, EL pins, EG pins and screws
to monitor moisture conditions with
moisture meters, data loggers and wireless transmitters.



To connect EL and EG pins and stainless steel screws:

LP-H cable with loops and 4mm plugs connects to Ligno-VersaTec and Lignometer K via Adapter H.
LP-Hf cable with loops and 4mm jacks connects to MC transmitter (transmitter wires have 4mm plugs).
LP-mini-cable with loops and 2mm plugs connects to mini-Ligno DX/C, S/DC, MD/C and MC Tracker.

Loop nuts need to be ordered separately for EG and EL pins.

EL pins can be shortened to any length between 7" and 1/2" long.

To connect PK probes:

PK-H cable with 4mm plugs on both ends connects to Ligno-VersaTec and Lignometer K via Adapter H
PK-mini cable with 4mm and 2mm plugs connects to mini-Ligno DX/C, S/DC, MD/C and MC Tracker.